

THE RURAL DISTRICT COUNCIL OF DARLINGTON

---



ANNUAL REPORT  
OF THE  
MEDICAL OFFICER  
OF HEALTH

---

1965



# DARLINGTON RURAL DISTRICT COUNCIL

1965

## Chairman

COUNCILLOR D. VICKERS, J.P.

## Vice Chairman

COUNCILLOR J. M. BUXTON

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*H. Hutchinson	E. White
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\*Members of No. 10 Area Health Sub-Committee.

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## Clerk to the Council

J. PATTINSON.

**PUBLIC HEALTH OFFICERS AND STAFF  
OF THE LOCAL AUTHORITY**

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**Medical Officer of Health**

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Council Offices, Craig Lea, Uplands Road, Darlington.

*Telephone Nos. Darlington 2852-3.*

**Chief Public Health Inspector and Surveyor**

J. D. COLLINS, C.R.S.H., M.A.P.H.I.  
*Certified Meat and Food Inspector*

**Additional Public Health Inspector**

D. G. WARDE, C.R.S.H., M.A.P.H.I.  
*Certified Meat and Food Inspector*

**Engineering Assistant**

J. CUTHBERTSON

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**Pupil Public Health Inspector**

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# ANNUAL REPORT, 1965

DARLINGTON RURAL DISTRICT COUNCIL

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Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting to you the 84th annual report on the health and sanitary circumstances of your district for the year 1965.

According to the Registrar General's mid-year estimate the population increased from 26,490 to 27,040. Vital statistics which afford a means of comparison between the health of a district in different years and the health of the rest of the country may be summed up as follows.

There was no change in the live birth rate which was 21.7 and this rate after adjustment was 18.0, the same as for England and Wales. The infant mortality rate dropped from 27.8 to 22.2 but was still above the national rate which was 19.0. All but one of the infant deaths were from prematurity or congenital malformations. The still birth rate showed a sharp decline from 30.35 to 6.8 and compares with a rate of 15.7 for England and Wales. The general death rate increased from 8.2 in 1964 to 9.3 giving a standardised rate of 13.7. The rate for England and Wales was 11.5.

As regards infectious disease, except for an increased incidence of measles there is nothing which calls for special comment. Preventive measures against infectious disease were continued. Vaccination against poliomyelitis, diphtheria and tetanus was offered in infant schools to all new entrants and Heaf testing was offered to the same children. B.C.G. vaccination was undertaken in the senior schools.

Residential accommodation is provided by the Local Health Authority for persons who by reason of age or infirmity, are in need of care and attention and the number of persons already in residence or on the waiting list is given in the report. It was not found necessary to take statutory action in any case and all admissions were voluntary.

Services provided in connection with environmental health were maintained and progress continued in the field of new and improved methods of sewerage and sewage disposal.

In conclusion I wish once again to express my thanks to the Council and the Clerk of the Council for their continued courtesy and to thank Mr. Collins and the staff of the Health Department for their assistance and co-operation throughout the year.

I am, Ladies and Gentlemen,

Your obedient servant,

M. W. RODGERS,

M.B., B.C.H., B.A.O., D.P.H.

Medical Officer of Health.

## SECTION A.

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### GENERAL STATISTICS

Area of Rural District in acres	.. ..	45,414
Resident population (including forces stationed in the area)	.. ..	27,040
Total number of houses at 31st December, 1965 (including R.A.F. Married Quarters)	.. ..	8,386
Number of inhabited houses (excluding R.A.F. Married Quarters at 1st April, 1965)	.. ..	8,031
Rateable value at 1st April, 1965	.. ..	£1,033,931
Sum represented by a penny rate	.. ..	£4,099
General Rate (excluding additional items and special rates in certain parishes) made in respect of the financial year ending 31st March, 1966	..	10/-

### Social Conditions and Employment

During 1965 Darlington Rural District shared in the relatively high level of employment which was maintained in the Darlington and Aycliffe Employment Exchange areas throughout the year. The percentage rate of unemployment which was 1.7% in January fell during the summer months to 1.1% and, following the normal seasonal trend, rose to 1.6% in December, 1965.

The Aycliffe Industrial Estate, which includes the greater part of the industry of your Council's area, by the end of December, 1965, was employing 5,776 men and 2,517 women. This represents an increase of 367 men and 267 women during the year.



TABLE OF BIRTH AND DEATH RATES FOR RECENT YEARS  
AS COMPARED WITH ENGLAND AND WALES

Estimated Population of Darlington R.D.C.	Years	GENERAL DEATH RATE			INFANTILE MORTALITY RATE			LIVE BIRTH RATE		
		Darlington R.D.C.		England and Wales Rate	Darlington R.D.C.		England and Wales Rate	Darlington R.D.C.		England and Wales Rate
		No. of Deaths	Rate		No. of Deaths	Rate		No. of Births	Rate	
12,040	1951	127	10.55	12.5	8	38.83	29.6	206	17.1	15.5
13,070	1952	117	8.95	11.3	10	47.62	27.6	210	16.07	15.3
14,600	1953	150	10.99	11.4	8	24.02	26.8	333	20.98	15.5
16,230	1954	140	10.6	11.3	10	25.91	25.5	386	21.6	15.2
17,910	1955	194	13.3	11.7	10	24.04	24.9	416	21.14	15.0
19,310	1956	169	11.9	11.7	11	24.07	23.8	457	18.7	15.7
20,100	1957	146	10.17	11.5	10	20.4	23.1	490	19.26	16.1
21,280	1958	151	11.2	11.7	10	19.4	22.6	515	18.9	16.4
22,300	1959	179	12.5	11.6	15	32.6	22.2	460	16.1	16.5
22,880	1960	195	13.5	11.5	14	26.4	21.7	531	17.9	17.1
24,000	1961	187	12.9	12.0	14	26.6	21.4	526	16.9	17.4
25,440	1962	228	*8.9	11.9	13	22.1	21.6	587	*23.07	18.0
26,100	1963	207	*7.9	12.2	15	26.9	21.1	557	*21.3	18.2
26,490	1964	217	*8.2	11.3	16	27.8	20.0	575	*21.7	18.4
27,040	1965	251	*9.3	11.5	13	22.2	19.0	586	*21.7	18.0

\*Rate before adjustment by comparability factor, supplied by Registrar General.



## VITAL STATISTICS

Population – 27,040  
(1964 Population – 26,490)

### Live Births

Number – 586.

Rate per 1,000 population – 21.7.

The adjusted rate in accordance with the comparability factor supplied by the Registrar General – 18.0.

Illegitimate live births (per cent of total live births) – 4.1 %.

### Still Births

Number – 4.

Rate per 1,000 total live and still births – 6.8.

### Total live and still births

Number – 590.

### Infant Deaths (deaths under 1 year).

Number – 13.

Total infant deaths per 1,000 total live births .. .. 22.2

Legitimate infant deaths per 1,000 legitimate live births.. 21.35

Illegitimate infant deaths per 1,000 illegitimate live births 41.7

Neo-natal mortality rate (deaths under 4 weeks per 1,000 live births). .. .. 17.1

Early neo-natal mortality (deaths under 1 week per 1,000 total live births). .. .. 15.4

Perinatal mortality rate (still births and deaths under 1 week combined per 1,000 total live and still births). .. 22.0

### Maternal deaths (including abortion)

Number – Nil.

### Deaths, all ages

Number – 251.

Rate per 1,000 of the population 9.3.

The adjusted death rate in accordance with the comparability factor supplied by the Registrar General – 13.7.

## Rates as compared with England and Wales

	Darlington R.D.C.	England and Wales
Live birth rate per 1,000 population	21.7	18.0
Still birth rate per 1,000 live and still births .. .. .	6.8	15.7
Infantile mortality rate per 1,000 live births .. .. .	22.2	19.0
Neo-natal mortality rate per 1,000 live births .. .. .	17.1	13.0
Perinatal mortality rate per 1,000 live and still births .. .. .	22.0	26.9
Maternal deaths excluding abortion	Nil.	0.19
Maternal deaths due to abortion ..	Nil.	0.06
Total maternal mortality .. .. .	Nil.	0.25
Death rate per 1,000 population ..	9.3	11.5

## ANALYSIS OF STATISTICS

The population increased from 26,490 to 27,040 in the year under review.

The area comparability factors for use with crude birth and death rates contain adjustments for boundary changes and make allowance for the way in which sex and age distribution of the local population differs from that for England and Wales as a whole. In addition the death rate area comparability factor has been adjusted to take account of the presence of any residential institutions. The use of the factors makes the birth and death rates comparable with the crude rates for England and Wales or with the corresponding adjusted rates for any other area.

Comparability factors for your area are:—

Births	Deaths
0.83	1.48

### Live Births

There was a small increase in the number of live births giving a rate of 21.7, the same as the previous year. The rate after adjustment by the comparability factor supplied by the Registrar General is 18.0. This compares with a rate of 18.0 for England and Wales.

The number of illegitimate births increased and the percentage of total live births which were illegitimate rose from 2.6% in 1964 to 4.1% in the year under review.

	Male	Female	Total
Legitimate .. .. .	257	305	562
Illegitimate .. .. .	16	8	24
	<hr/> 273	<hr/> 313	<hr/> 586
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>

### Still Births

The number of still births dropped from 18 in 1964 to 4 in 1965 giving a rate of 6.8 as compared with 30.35. The rate for England and Wales was 15.7.

				Male	Female	Total
Legitimate	..	..	..	3	1	4
Illegitimate	..	..	..	—	—	—
				—	—	—
				3	1	4
				==	==	==

#### Deaths of Infants under 1 year.

Thirteen infants under the age of one year died during 1965 as compared with sixteen the previous year, giving a rate of 22.2 as compared with 27.8. The rate for the country is 19.0.

Nine of these deaths occurred in the first week of life from prematurity and congenital malformations.

				Male	Female	Total
Legitimate	..	..	..	4	8	12
Illegitimate	..	..	..	—	1	1
				—	—	—
				4	9	13
				==	==	==

				Male	Female	Total
Under 1 week	..	..	..	2	7	9
1 week and under 4 weeks			..	1	—	1
Over 4 weeks	..	..	..	1	2	3
				—	—	—
				4	9	13
				==	==	==

#### Causes

				Under 1 week		1 - 4 weeks		Over 4 weeks	
				M	F	M	F	M	F
Prematurity	..	..	..	2	4	—	—	—	—
Atelectasis with prematurity	..			—	1	—	—	—	—
Atelectasis without mention of prematurity	..	..	..	—	—	1	—	—	—
Congenital malformations	..			—	2	—	—	1	2
				2		1		1	
				7		—		2	

#### Deaths (all ages)

The number of deaths registered in your district after correction for inward and outward transfers was 251, an increase of 34 over the previous year's figure. This gives a rate of 9.3 per 1,000 population as compared with a figure of 8.2 for 1964.

The rate for your district after adjustment by the comparability factor supplied by the Registrar General is 13.7. The rate for England and Wales is 11.5.

TABLE SHOWING CAUSES OF DEATH

	Total all ages		Under 4 weeks		4 weeks & under 1 year		1-		5-		15-		25-		35-		45-		55-		65-		75 and over	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Tuberculosis (Respiratory) ..	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—
Tuberculosis (Other) ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syphilitic Disease ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other infective & parasitic diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasm, Stomach ..	3	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	1	1	4
Malignant Neoplasm, Lung, Bronchus ..	11	3	—	—	—	—	—	—	—	—	1	—	—	—	2	—	2	1	3	2	3	—	—	2
Malignant Neoplasm, Breast ..	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasm, Uterus ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Malignant and Lymphatic Neoplasms ..	9	7	—	—	—	—	1	—	—	—	—	—	1	—	1	—	1	1	1	3	3	2	1	1
Leukaemia, Aleukaemia ..	1	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vascular lesions of nervous system	10	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coronary Disease, Angina ..	35	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	3	2	3	11	3	17
Hypertension with heart disease ..	2	2	—	—	—	—	—	—	—	—	—	—	1	—	1	—	2	1	14	1	8	2	9	6
Other Heart Disease ..	14	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	1	12
Other circulatory disease	2	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	11	5
Influenza ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ..	8	10	—	—	—	—	—	—	4	1	—	—	—	—	1	—	—	—	—	1	1	6	2	2
Bronchitis ..	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	6	3	—	—
Other diseases of respiratory system	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of stomach and duodenum ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Gastritis, Enteritis & Diarrhoea ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis and Nephrosis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pregnancy, Childbirth & Abortion	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Malformations ..	2	7	—	—	2	1	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other defined or ill defined diseases	11	10	3	5	—	—	—	—	1	1	—	—	1	—	—	—	2	—	—	—	—	1	3	2
Motor Vehicle Accidents ..	5	1	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	1
All other accidents ..	4	1	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Suicide ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Homicide and operations of war ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	134	117	3	7	1	2	2	1	8	3	2	1	5	1	8	1	10	4	28	16	31	28	36	53

**Death Rates for certain diseases as compared with England and Wales**

				Rate per 1,000 Population	
				Darlington Rural District	England and Wales
General death rate	..	..		9.3	11.5
Cancer, Lung and Bronchus	..			0.518	0.553
Other Cancer	..	..	..	1.109	1.674
Vascular lesions of nervous system				1.52	1.636
Coronary Disease, Angina	..			1.66	2.373
Hypertension with heart disease				0.15	0.179
Other heart disease	..	..		1.15	1.233
Other circulatory disease			..	0.295	0.436
Respiratory Tuberculosis			..	0.07	0.042
Other Tuberculosis	..	..		Nil	0.006
Influenza	..	..	..	Nil	0.017
Pneumonia	..	..	..	0.665	0.649
Acute Poliomyelitis	..	..		Nil	0.000

**Accidents**

	5 – 10		20 – 30		40 – 50		60 – 70		75 & over	
	M	F	M	F	M	F	M	F	M	F
Road Traffic Accidents	..									
Accidents in Home										
Fall	..	..	..						1	—
Other Accidents										
Drowning	..	..								
Fracture of Skull	..									
Fall in Street	..	..								1
Injury at Work	..	..			1	—				—

Coronary disease was the single largest cause of death and diseases of heart and arteries (of which coronary disease formed the largest sub-division) accounted for over 50% of the total.

Deaths caused by cancer of the lung increased from eight (6 male and 2 female) in 1964 to fourteen (11 male and 3 female) in the year under review and the total number of deaths from cancer increased from thirty-three to forty-four. Malignant disease in all its forms was the second largest cause of death accounting for just over 17.5% of the total.



# MALIGNANT NEOPLASM

The following table gives the deaths from Malignant Neoplasm in age groups and localisation.

Localisation	-5 M F	25- M F	30- M F	35- M F	40- M F	45- M F	50- M F	55- M F	60- M F	65- M F	70- M F	75 & over M F	Total M F
Stomach .. ..	—	—	—	—	—	1 —	—	—	—	—	1 2	1 3	3 5
Lung .. ..	—	1 —	—	—	2 —	1 1	1 —	1 1	2 1	3 —	—	—	11 3
Breast .. ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Digestive organs other than Stomach ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Genito urinary organs other than Uterus ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Respiratory system other than Lung .. ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Sites .. ..	1 —	—	—	—	—	—	—	—	—	—	—	—	—
	1 —	1 —	—	—	3 1	4 2	2 —	1 2	2 5	4 1	3 3	2 6	23 20

## NOTIFIABLE DISEASES

The notifications received during the year were of measles, whooping cough, scarlet fever, dysentery and pulmonary tuberculosis. There was an increased incidence of measles, a slight increase in the number of cases of scarlet fever and no change in the number of notifications of whooping cough. There was one isolated case of dysentery. Notifications of pulmonary tuberculosis decreased from seven to three.

### MASS RADIOGRAPHY UNIT

#### Summary of Statistical Information

Location	No. X-Rayed	To Clinic	T.B. notified	T.B. for observation	Other conditions	Normal
Newton						
Aycliffe	1,265	6	1	—	3	2
Aycliffe						
Trading Estate	556	3	—	1	1	1



## NOTIFIABLE DISEASES

Table of cases as notified and after correction set out in age groups

	At all ages	Under 1	1—	2—	3—	4—	5—9	10—14	15—24	25 and over	Age unknown	Total Deaths
	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	
Scarlet Fever ..	14	—	—	1	—	1	4	—	—	—	—	—
Diphtheria ..	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ..	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal ..	—	—	—	—	—	—	—	—	—	—	—	—
Infection ..	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia ..	—	—	—	—	—	—	—	—	—	—	—	—
Neonatorum ..	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ..	1	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis :	—	—	—	—	—	—	—	—	—	1	—	—
(a) Paralytic ..	—	—	—	—	—	—	—	—	—	—	—	—
(b) Non-Paralytic ..	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ..	—	—	—	—	—	—	—	—	—	—	—	—
(Primary & Infl.) ..	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever (incl. Paratyphoid) ..	—	—	—	—	—	—	—	—	—	—	—	—
Measles ..	278	6	16	17	23	23	51	3	—	1	1	—
Whooping Cough ..	9	1	11	21	22	23	52	2	—	1	1	—
Food Poisoning ..	—	—	—	1	1	1	3	—	—	—	—	—
Malaria ..	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis :	—	—	—	—	—	—	—	—	—	—	—	—
(a) Pulmonary ..	3	—	—	—	—	—	—	—	—	1	—	—
(b) Other ..	—	—	—	—	—	—	—	—	—	2	—	—
	305	6	16	17	23	24	57	3	—	2	1	—

## TUBERCULOSIS

New cases and Mortality during 1965.

Age Groups	New Cases				Deaths			
	Respiratory male female		Non-Respir'y male female		Respiratory male female		Non-Respir'y male female	
Under 1 ..	—	—	—	—	—	—	—	—
1— 5 ..	—	—	—	—	—	—	—	—
6—10 ..	—	—	—	—	—	—	—	—
11—15 ..	—	—	—	—	—	—	—	—
16—20 ..	—	—	—	—	—	—	—	—
21—25 ..	—	—	—	—	—	—	—	—
26—35 ..	—	1	—	—	—	—	—	—
36—45 ..	—	—	—	—	—	—	—	—
46—55 ..	1	1	—	—	—	—	—	—
56—65 ..	—	—	—	—	1	—	—	—
66 & over ..	—	—	—	—	1	—	—	—
Total ..	1	2	—	—	2	—	—	—

The total number of new cases in 1965 was 3 pulmonary compared with 7 pulmonary and 1 non-pulmonary in 1964.

**Table showing new cases and Mortality during the past 10 years**

Year	New Cases				Mortality			
	Respiratory male female		Non-Respir'y male female		Respiratory male female		Non-Respir'y male female	
1956	6	5	1	—	—	1	1	—
1957	4	5	—	1	—	1	—	1
1958	9	3	—	1	1	—	—	—
1959	3	—	—	—	1	1	—	—
1960	7	4	—	1	1	1	—	—
1961	4	2	1	—	—	1	—	—
1962	4	1	—	—	—	—	—	—
1963	3	2	—	—	—	—	—	—
1964	4	3	—	1	—	1	—	—
1965	1	2	—	—	2	—	—	—

**Number of cases on register**

Year	Pulmonary			Non-Pulmonary		
	Male	Female	Total	Male	Female	Total
1960	43	36	79	5	7	12
1961	49	37	86	6	7	13
1962	50	37	87	6	7	13
1963	50	40	90	7	7	14
1964	56	45	101	6	8	14
1965	53	43	96	7	8	15

Tuberculosis Mortality Rate — Respiratory 1965 — 0.07

Non-Respiratory 1965 — Nil.

## CASE RATES FOR INFECTIOUS DISEASE, 1965

					Rate per 1,000 Home Population	
					Darlington R.D.C.	England and Wales
<b>Notifications (corrected)</b>						
Scarlet Fever	..	..	..	..	0.52	0.56
Whooping Cough	..	..	..	..	0.33	0.27
Measles	..	..	..	..	10.3	10.68
<b>Poliomyelitis:</b>						
Paralytic	..	..	..	..	Nil	0.00
Non-Paralytic	..	..	..	..	Nil	0.00
Dysentery	..	..	..	..	0.04	0.55
<b>Tuberculosis:</b>						
Respiratory	..	..	..	..	0.11	0.28
Non Respiratory	..	..	..	..	Nil	0.05

## FOOD POISONING

### (a) Food Poisoning Notification (corrected)

1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
—	—	—	—
Total — Nil			

### (b) Cases otherwise ascertained

1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
—	—	—	—
Total — Nil			

### (c) Symptomless Excretors

1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
—	—	—	—
Total — Nil			

### (d) Fatal Cases

1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
—	—	—	—
Total — Nil			

## VACCINATION AND IMMUNISATION

The numbers of persons vaccinated or immunised in the district for which records were received during 1965 are given in the following tables:—

### Smallpox

	Under 1 year	1 year	2 - 4 years	5 - 14 years	15 yrs. & over	Total
Vaccinated .. .. .	25	68	29	4	7	133
Re-vaccinated .. .. .	—	—	1	12	7	20

### Diphtheria, Whooping Cough and Tetanus

	Year of birth									
	Primary					Boosters				
	1965	1964	1963	1962	1958 to 1961	Others under 16	Total	1964	1963	1962
										1958 to 1961
Diphtheria .. .. .	109	192	39	15	10	73	438	17	33	17
Whooping Cough .. .. .	109	182	27	10	5	1	334	8	20	5
Tetanus .. .. .	109	192	39	15	27	84	466	17	33	16
										1958 to 1961
										19
										13
										18
										195
										124
										201

### Poliomyelitis

	Year of birth									
	Primary					Boosters				
	1965	1964	1963	1962	1958 to 1961	Others under 16	Total	1965	1964	1963
										1958 to 1961
Salk .. .. .	6	10	3	—	—	—	19	—	1	2
Oral .. .. .	13	77	32	15	25	52	214	—	1	11
										10
										98
										6
										50
										19
										168

### B.C.G. Vaccination

Number of children skin tested	..	..	..	..	233
Number of children vaccinated	..	..	..	..	158
Number of children positive	..	..	..	..	49
Number of children not vaccinated owing to health reasons	..	..	..	..	11
No. of children absent at time of reading			..	..	15

## LABORATORY WORK

### Bacteriological Examinations

#### FAECES

Number of Specimens	Dysentery Positive	Salmonella Typhimurium	Other Organisms
10	Nil	1	Nil

#### WATER

Number of Specimens	Class 1	Class 2	Class 3	Class 4
22	14	1	2	5

### National Assistance Act, 1948, Section 47

No statutory action was taken under this section.

# HEALTH SERVICES ADMINISTERED BY THE LOCAL HEALTH AUTHORITY (DURHAM COUNTY COUNCIL) IN YOUR AREA

**County Medical Officer:** Dr. S. Ludkin,  
County Hall, Durham,  
Telephone No. Durham 4411.

**Assistant County Medical  
Officer (No. 10 Area)** Dr. M. W. Rodgers,  
Council Offices, Sedgefield,  
Telephone No. Sedgefield 555.

Advice on any of the services listed below may be obtained on application to the above.

## Welfare Services

(a) **Residential Hostel Accommodation**—This is provided for aged, infirm and handicapped persons, but the accommodation at present is limited.

Persons from your district maintained during the year in residential hostels were:—

Males — 6  
Females — 10

Number of Persons on waiting list:—

Males — 2  
Females — 8

(b) **Blind Persons**—A comprehensive service is provided which includes medical examination, home visiting and teaching, assistance in obtaining suitable employment in workshops or at home, admission to homes for the blind and general social welfare. A residential hostel reserved for blind persons is situated in Durham City.

(c) **Other Handicapped Persons**—Certain Welfare services are available for persons who are deaf and dumb, partially sighted, or substantially and permanently handicapped by illness, injury or congenital deformity.

Figures for your district for 1965 were:—

	Total
No. of registered blind persons .. .. .	35
No. of registered partially sighted persons .. .. .	10
No. of registered deaf and dumb persons .. .. .	59
No. of registered hard of hearing persons .. .. .	12
No. of registered physically handicapped persons .. .. .	53



## Home Nursing

Visits made by the district nurses during the year were:—

	Cases	Visits
(a) Medical cases .. .. .	164	4,527
(b) Surgical cases .. .. .	58	1,691
(c) Tuberculosis .. .. .	3	228
(d) Maternal complications .. .. .	—	—

## Domiciliary Midwifery Service

Births attended by County Midwives within your district were

Total births (live and still) .. .. .	139
Cases attended as midwife and nurse .. .. .	139
Hospital patients discharged home before 10th day	150
Total cases attended .. .. .	289

## Health Visitors

The health visitors provide the link between the home and the County Health Department. They give advice on the care of young children, to expectant and nursing mothers and aged or ill persons and they stress the measures necessary to prevent the spread of infection.

## Visits made in your district during the year

	No. of Visits
(a) maternity and child welfare .. .. .	8,201
(b) tuberculosis .. .. .	152
(c) general health .. .. .	64
(d) mental sub-normality .. .. .	63
(e) school .. .. .	320
(f) aged people .. .. .	1,527

## Domestic Help

Domestic helps are provided by the County Council where necessary in cases of sickness, childbirth, infirmity or other household emergencies. A charge may be made for this service under certain circumstances according to income scale.

During 1965 the service provided in your district was:—

No. of home helps employed during the year .. .. .	50
Cases attended at 1st January, 1965 .. .. .	61
New cases provided during year .. .. .	46
Cases terminated .. .. .	38
Cases attended at 31st December, 1965 .. .. .	69

## Number of cases provided during the year

(a) Maternity, including expectant mothers .. .. .	1
(b) Tuberculosis .. .. .	—
(c) Chronic sick (including aged and infirm) .. .. .	105
(d) Others .. .. .	1



**Prevention of Illness, Care and After Care**

Nursing equipment is provided for sick persons at the request of medical practitioners, district nurses and hospital almoners. Invalid chairs are also available and extra nourishment or bedding can be supplied to patients suffering from tuberculosis. A charge is normally made for this service, but in certain circumstances the charge may be reduced or remitted altogether.

Thirty-two patients were supplied with nursing equipment during the year.

**Mental Health Services**

Services are available for children and young adults who are mentally subnormal. Proposals have now been approved for an expansion of the service, with the appointment of additional staff and the establishment of Adult Training Centres and more Junior Training Centres over the next five years.

	Total
Number registered as mentally subnormal .. ..	54
Number under supervision in their own homes .. ..	32
Number of persons in mental hospitals .. ..	22

**CARE OF MOTHERS AND YOUNG CHILDREN**

County Child Welfare Clinics to serve certain areas of the Rural District are held in Sedgfield, Shildon, Chilton, Middleton-St.-George and Newton Aycliffe, and arrangements exist for mothers and children to attend Darlington Borough Clinics.

**REGIONAL HOSPITAL SERVICE**

**Tuberculosis Service**

Clinics are held at Hundens Unit, Hundens Lane, Darlington on Monday, Tuesday, Thursday and Friday. All cases are seen by appointment.

**Special Treatment Service.**

Clinics are held at Hundens Unit, Hundens Lane, Darlington as follows:—

Monday (female)	2 p.m. to 4 p.m.
Tuesday (male)	10 a.m. to 12 noon. 5 p.m. to 7 p.m.
Wednesday (female)	2 p.m. to 4 p.m.
Thursday (male)	5 p.m. to 7 p.m.
Friday (female)	2 p.m. to 4 p.m.
(male)	5 p.m. to 7 p.m.



## **SECTION B.**

### **WATER SUPPLY, SEWERAGE AND SEWAGE DISPOSAL AND GENERAL SANITARY CIRCUMSTANCES**

#### **Distribution of Water**

The parishes included within the area of the various statutory undertakers are as follows:—

#### **Tees Valley and Cleveland Water Board**

Archdeacon Newton (part), Barmpton (part), Bishopton, Brafferton (part), Coatham Mundeville, Denton (part), East and West Newbiggin, Great Burdon, High Coniscliffe, Hurworth, Killerby (part), Little Stainton, Low Coniscliffe, Low Dinsdale, Middleton-St.-George, Morton Palms, Neasham, Piercebridge, Sadberge, Summerhouse (part).

#### **Note:**

The extension by the Tees Valley and Cleveland Water Board of the 12" main to the Otter and Fish at Hurworth with the 6" – 9" branch to Neasham was not completed during the year because of delay in delivery of the pipes.

#### **Durham County Water Board**

Great Aycliffe, Brafferton (part), Denton (part), Great Stainton, Heighington, Houghton-le-Side, Killerby (part), Summerhouse (part), Walworth.

#### **Darlington Rural District Council**

The Council supply water in part of the parishes of Brafferton, Whessoe, Coatham Mundeville, which they purchase in bulk from the Tees Valley and Cleveland Water Board; and in Barmpton from a bulk supply from the Darlington Corporation.

#### **General**

Villages and hamlets have main piped water from statutory undertakers except in Low Dinsdale and the parish of Sockburn.

- (a) The majority of the houses in Low Dinsdale parish are situated in the village of Middleton-St.-George and are supplied by the Tees Valley and Cleveland Water Board. In Low Dinsdale hamlet the houses take their supply from a private bore and shallow well.
- (b) At Sockburn a private spring is piped and serves all the houses.

The proportion of dwelling houses and the proportion of the population supplied from the public mains is as follows :—

PARISH	No. of Occupied Houses	Approx. Population	Water Authority Supplying	Direct to the house		By means of stand pipe	Total houses supplied	% of houses supplied	Pop. supplied direct	Pop. supplied by stand pipe
				Open	Meter					
Archdeacon Newton ..	20	66	T.V. & C.W.B. Church Commissioners and D'ton Corporation	—	16	—	16	80	53	—
Newton Aycliffe ..	4,697	15,500	D.C.W.B.	4,688	9	—	4,697	100	15,500	—
Great Aycliffe ..	240	792	D.C.W.B.	224	12	4	240	100	779	13
Barmpton ..	21	69	D.R.D.C. T.V. & C.W.B.	11	9	—	20	95	65	—
Bishopton ..	90	297	T.V. & C.W.B.	71	19	—	90	100	297	—
Blackwell ..	151	498	Darlington Corporation	120	31	—	151	100	498	—
Brafferton ..	49	161	D.R.D.C.	33	8	—	41	83	135	—
Great Burdon ..	16	53	T.V. & C.W.B.	12	4	—	16	100	53	—
Coatham Mundeville ..	40	132	D.R.D.C. & D.C.W.B.	27	13	—	40	100	132	—
High Coniscliffe ..	85	280	T.V. & C.W.B.	66	19	—	85	100	280	—
Low Coniscliffe ..	126	416	T.V. & C.W.B.	112	14	—	126	100	416	—
Denton ..	18	59	Raby Estates	15	—	—	15	84	50	—
Low Dinsdale ..	193	637	T.V. & C.W.B.	171	6	—	177	92	586	—
East & West Newbiggin ..	9	30	T.V. & C.W.B.	—	9	—	9	100	30	—
Great Stainton ..	22	72	D.C.W.B.	8	14	—	22	100	72	—
Heighington ..	486	1,604	D.C.W.B.	380	100	—	480	99	1,588	—
Houghton-le-Side ..	26	85	D.C.W.B.	7	10	—	17	65	56	—
Hurworth ..	623	2,056	T.V. & C.W.B.	587	36	—	623	100	2,056	—
Killerby ..	20	66	T.V. & C.W.B.	16	4	—	20	100	66	—
Little Stainton ..	19	62	T.V. & C.W.B.	10	9	—	19	100	62	—
Middleton-St.-George ..	629	2,075	T.V. & C.W.B.	606	23	—	629	100	2,075	—
Morton Palms ..	15	49	T.V. & C.W.B.	3	12	—	15	100	49	—
Neasham ..	105	346	T.V. & C.W.B.	87	18	—	105	100	346	—
Piercebridge ..	47	155	T.V. & C.W.B.	37	10	—	47	100	155	—
Sadberge ..	211	696	T.V. & C.W.B.	190	21	—	211	100	696	—
Sockburn ..	7	23	Neasham Hill (Johnson)	7	—	—	7	100	23	—
Summerhouse ..	30	99	T.V. & C.W.B.	27	3	—	30	100	99	—
Walworth ..	38	125	D.C.W.B. & Walworth E.	16	21	—	37	97	122	—
Whessoe ..	163	537	D.R.D.C. & D'ton Corp.	151	12	—	163	100	537	—
	8,196	27,040		7,682	462	4	8,148	99	26,826	13

## Average Hardness in Parts per Million

Darlington Corporation 128 p.p.m.

Durham County Water Board:

(a) Burnhope-Tunstall supply  
as  $\text{CaCO}_3$  50 p.p.m. or 3.5 grains per gl.

(b) Burnhope-Tunstall Mainsforth  
as  $\text{CaCO}_3$  50-110 p.p.m. or 3.3/7.5 grains  
per gl.

River Tees Supply  
Total Carb. Non-Carb.

Tees Valley and Cleveland Water Board 69 38 31  
(p.p.m. to degree of hardness divide by 14.9).

## Fluoride content of water

Darlington Corporation 0.1 p.p.m. to trace of fluoride

Durham County Water Board

(a) Burnhope-Tunstall supply 0.1 p.p.m.

(b) Burnhope-Tunstall-  
Mainsforth content of mixture not avail-  
able.

B. & T. 0.1 p.p.m.

Mainsforth 0.6 p.p.m.

Tees Valley and Cleveland Water  
Board

0.2 p.p.m.

The Council agreed with the policy of fluorination as suggested by  
B.M.A. (1PPM).

No waters in the area are known to be plumbo solvent.

## Bacteriological Examination of Water

The Tees Valley and Cleveland Water Board took 271 samples,  
Durham County Water Board took 61 samples and Darlington  
Corporation took 2 samples. With the exception of one of the  
samples taken by Durham County Water Board and one by the  
Tees Valley Water Board all were reported as satisfactory.

Samples taken by this department were as follows:—

	No.	Class 1	Class 2	Class 3	Class 4
Durham County Water Board	20	14	1	2	3
Private well supply .. ..	2	—	—	—	2

The unsatisfactory results of bacteriological examination of  
certain samples of water supplied by Durham County Water Board  
were from standpipes in the village of Ayeliffe and the engineer of  
the Water Board arranged for an increase in the dose of chlorine  
as a temporary measure until such times as these standpipes can  
be removed. Three of the standpipes concerned serve sub-standard  
property and in the case of the fourth standpipe the owner of the  
property was under notice to provide a piped water supply.

With regard to the samples taken from a well, the well serves  
an isolated farmhouse and the owner was advised to boil all water  
used for drinking purposes until a mains supply was provided.  
This was done later in the year.



During the year boiling notices were served in connection with a known unsatisfactory supply at Sockburn where, as previously reported, the owner intended to supply a Belco chlorinator in connection with the erection of two bungalows. The chlorinator, when installed, will also supply water to the remaining seven houses in the parish.

### Chemical Examination of Water

Results in respect of water samples taken for chemical analysis were as follows:—

#### Borehole at Neasham Grange Farm (Private supply)

	Parts per million
Total solids .. .. .	2,400
Chloride .. .. .	37
Sulphate .. .. .	1,030
Alkalinity as $\text{CaCO}_3$ .. .. .	290
Total hardness .. .. .	1,200
Permanent hardness .. .. .	910
Temporary hardness .. .. .	290
Iron .. .. .	0.2
Manganese .. .. .	0.6
Free Ammonia .. .. .	0.04
Albuminoid Ammonia .. .. .	0.02
Nitrous Nitrogen .. .. .	Nil.
Nitric Nitrogen .. .. .	0.14

Ph 7.2

This water is of good organic and bacteriological quality but is very hard.

#### Water Supply—Factory, Aycliffe Trading Estate

(Durham County Water Board supply).

	Parts per million
Total solid matter (dried at $180^\circ\text{C}.$ ) .. .. .	1,590
Nitrogen: as free and saline ammonia .. .. .	0.06
as albuminoid ammonia .. .. .	0.04
as nitrate .. .. .	1.9
Hardness: Total .. .. .	50
Chloride .. .. .	180
Sulphate .. .. .	735
Alkalinity .. .. .	200
Oxygen absorbed from permanganate in 4 hours .. .. .	0.30
Metals: Calcium .. .. .	5
Magnesium .. .. .	9
Sodium .. .. .	610
Potassium .. .. .	11
Lead and copper .. .. .	Nil
Free chlorine .. .. .	0.02
Excess alkalinity .. .. .	155

Ph 9.3

Analysis shows that this water contained a high amount of dissolved solids, which included 180 p.p.m. of chlorides. The water was very alkaline and the salt content was just detectable by taste.

**Water Supply—24 Bewick Crescent, Newton Aycliffe**  
(Durham County Water Board supply)

	Parts per million
Total solid matter (dried at 180°C.) .. .. .	720
Nitrogen: as free and saline ammonia .. .. .	0.06
as albuminoid ammonia .. .. .	0.08
as nitrate .. .. .	0.9
as nitrite .. .. .	Nil
Hardness: Total .. .. .	100
Chloride .. .. .	72
Sulphate .. .. .	302
Alkalinity .. .. .	170
Oxygen absorbed from permanganate in 4 hours ..	0.6
Metals: Calcium .. .. .	22
Magnesium .. .. .	11
Sodium .. .. .	260
Potassium .. .. .	5
Excess alkalinity .. .. .	75
Phosphate .. .. .	Nil
Metaphosphate .. .. .	Nil

Ph 8.3

This sample of hot water contained excess caustic alkali, in the form of sodium carbonate or hydroxide, which is presumably derived from the neutralising liquid used after descaling. The high Ph value is, of course, also due to the residual alkali.

**SEWERAGE AND SEWAGE DISPOSAL**

**(a) Aycliffe**

The works deal with Aycliffe Village, Newton Aycliffe and the Trading Estate. The average daily flow for the year ending March, 1966, was 934,000 gallons per day and the dry weather flow was 800,000 gallons per day.

The effluent discharged to the river was not satisfactory but this was due to the overloading of the old plant and commissioning of the new works. The latter were brought into full use during the year.

The works were completed and officially opened by the Rt. Hon. J. Slater, J.P. on 2nd July. The heated digestion plant was not completed by the end of the year under review. The works are capable of dealing with a total of 1.3 million gallons dry weather flow. This is to cater for a population of 20,000 at Newton Aycliffe and to allow for future increases in flow from the Trading Estate and Aycliffe Village. It is also intended that the works will deal with the flow from School Aycliffe Mental Hospital, Heighington and Redworth Village.



In view of a proposal to increase the size of Newton Aycliffe from 20,000 to 45,000 further adjustments were made in connection with the re-building of the inlet to the existing works including installation of mechanical rake screen and disintegrators with mechanical scrapers to the existing three settling tanks. The outlet channel which is common to all tanks now has a storm water overflow weir set so that a maximum rate of flow of 2,000,000 gallons a day receives full treatment. At the same time arrangements were made for the acquisition of a further strip of land along the south side to allow for further extensions to the old works.

The estimated cost of the scheme under construction was £213,750.

The Council continued during the year to treat approximately 300,000 gallons per day of trade waste and negotiations are being made for the treatment of a further large volume of trade waste.

In connection with the new industrial development which is to take place in Heighington Lane, proposals were submitted by the Council's Consultant for the laying of foul and surface water sewers. In order that further land included in the development plan could be drained, the foul sewer was increased to 24" and the surface water which would only serve part of the development area was increased to 39" diameter, the former to discharge into the sewage works at Aycliffe and the latter into Demon's Beck.

The estimated cost of the scheme was £50,000 but the Council will only be bearing the extra cost of the work over and above that required for serving a new factory for which land has already been purchased.

A proposal was received in connection with Copelaw School, Aycliffe, outside the rural district for authority to discharge into Aycliffe Development Corporation sewer and this was agreed subject to the School reaching agreement with Aycliffe Development Corporation for the discharge of sewage and meeting the Council's terms in connection with reception and treatment of sewage.

#### **(b) Middleton-St.-George**

These are relatively new works for dealing with a partially combined flow which were brought into use in 1960. During the year the effluent discharged was satisfactory. The average daily flow for the year ending March, 1966, was 102,600 gallons per day and the dry weather flow for this period was 75,600 gallons per day. The design capacity of the works is 100,000 gallons per day dry weather flow. Some residential development is taking place in the village.

#### **(c) Bishopton**

These are new works completed in 1963. They are especially designed to deal with a considerable discharge of farm waste effluent. The average daily flow for the year ending March, 1966, was 10,200 gallons per day and the dry weather flow for this period

was 6,500 gallons per day. The design capacity of the works is 10,800 gallons per day. The effluent discharged to the beck was considerably improved during the year and can be said to be reasonably satisfactory.

An increase in residential development in this village of 30-40 houses would assist considerably in balancing the high flow of farm waste.

#### **(d) Whessoe**

This scheme was completed towards the end of 1963, which was merely to connect a gravity sewer to a pumping station with a rising main to a Darlington Corporation sewer at Harrowgate Hill. Work has started on a private sewer to serve the County Council smallholdings but difficulty was encountered with excavations in the Burtree Lane area. It is expected that the work will be completed next year, including the conversion of twelve earth closets to water carriage. Allowances have been made for further development.

#### **(e) Hurworth, Hurworth Place and Neasham**

The sewage works were completed in 1965. They comprise the erection of new sewage works near Hurworth village with pumping station and ejector stations at Hurworth Place and Neasham respectively.

The average daily flow for the year ending March, 1966 was 143,000 gallons per day and the dry weather flow for this period was 77,000 gallons per day. The design capacity of the works is 120,000 gallons per day. Considerable residential development is taking place in this village at the present time.

#### **(f) Low Coniscliffe and Merrybent**

Tenders were approved in the sum of £48,095 excluding machinery, for the provision of gravity sewers in Low Coniscliffe and Merrybent discharging to a pumping station at Low Coniscliffe with a 6" rising main to Darlington Corporation sewer in Coniscliffe Road.

The contract commenced on 7th September, 1964, and by the end of 1965 the pumphouse had been completed, apart from road works and minor electrical works. All sewers and the rising main to Darlington Corporation sewer were completed. House drainage to twenty-nine houses at Low Coniscliffe and forty-one houses at Merrybent, six houses at Co-operative Wholesale Society premises, making a total of seventy-four houses were connected to the sewers. The Co-operative Wholesale Society Nurseries were also connected to the new sewer and the old sewage works now merely take the discharge of surface water. Some further residential development (40-50 houses) was allowed for.

**(g) Blackwell**

All sewers were completed in connection with the scheme for laying a gravity sewer into the Corporation sewer at Carmel Road South. The house connections were made and the old sewage works at Blackwell were taken out of use. Orders were given for the existing tank and grips to be filled in. Some residential development is taking place in the vicinity of Blackwell Hall Estate which is catered for. This area is to be taken into the County Borough of Darlington in April, 1967.

**(h) Sadberge**

The scheme referred to in the 1964 report for the re-building of the sewage works and the laying of a new sewer to deal with the southern part of the village, which had not previously been connected to the sewage works, was provisionally approved by the Council and is being designed by the Council's Consultant Engineer and some progress has been made with regard to the acquisition of sites for sewage works and pumping station. The scheme allows for future development of about 100 houses. The watercourse into which the effluent has to be discharged takes a very small flow and every care will have to be taken to prevent its pollution.

**(i) Heighington and Redworth**

The existing sewage works at Heighington are overloaded and require complete reconstruction. The works at Redworth are old, and have had small improvements carried out since the war, but are in need of modernisation. Both discharge into ditches and the effluent requires a high degree of control.

Proposals were approved by the Council for a scheme estimated to cost £50,000. This was to deal with sewage from the villages of Redworth and Heighington via pumping stations into a gravity sewer (9") which would run past School Aycliffe Mental Hospital, pick up their discharge, and thence into a 15" sewer and through the industrial site in School Aycliffe Lane where the sewer size is to be increased to 18" (to allow for further industrial extensions) and through the Industrial Estate into the sewage works.

**(j) Great Burdon**

This village was sewered to a pumping station connected to the Corporation's sewer in 1959. All houses are connected to the sewer. Allowance has been made for further development.

**(k) Brafferton and Coatham Mundeville**

There are no sewage works at Brafferton and at present some sewage with surface water is being discharged into a ditch which drains to a watercourse taking the discharge from small sewage works dealing with the Council houses. At Coatham Mundeville there is a small tank with overflow to the river. Both arrangements are unsatisfactory.



The Consultant is now preparing a scheme which should be available to the Council early in 1966.

**(l) High Coniscliffe**

This village has a sewer to tank and land irrigation works which are unsatisfactory. The sewerage arrangements at Low Coniscliffe and Merrybent are sufficient to take the sewage.

It is expected that a start will be made next year on the preparation of a scheme to provide new gravity sewers with pumping station and rising main to the head of the new sewer at Merrybent. The initial survey has been commenced.

**(m) Summerhouse, Killerby and Denton**

The Council received the Consultant's report in connection with the villages of Summerhouse, Killerby and Denton, the estimated cost of the scheme being £32,400. The Council decided that the scheme be not adopted and that the owners of the properties not having baths or water closets be requested to provide these amenities, including, where necessary, the provision of septic tanks and filters, with the aid of improvement grants. It was also felt that the adjacent village of Denton, where the sewer arrangements are unsatisfactory be similarly dealt with.

The Council will be asked to reconsider their proposals.

**(n) Piercebridge**

This village is served by several tanks which are emptied by the Council. It is hoped that when the High Coniscliffe scheme is completed the Council will agree to sewage from this village being drained to a central point and pumped into the new High Coniscliffe sewer.

**(o) Houghton le Side, Little Stainton, Walworth, Great Stainton and Archdeacon Newton**

The Council have an old tank with irrigation arrangement at Houghton-le-Side which will require alterations and improvements.

At Little Stainton and Walworth there is a modern tank and filter serving four Council houses.

The village of Great Stainton is served by small modern works which are difficult to maintain owing to overloading with farm effluent. This is likely to be taken out of the sewer and the works should then give a satisfactory effluent.

The hamlet of Archdeacon Newton has a tank and filter constructed since the war but is overloaded with discharge of farm effluent. It is expected the farm effluent will be taken out of the sewer when a more satisfactory discharge will be possible.

### **Charges for Treatment of Farm Effluent**

During the year the Council agreed the following scale of charges in connection with farm wastes.

1. For each milch cow £2 or £1 5s. when through a milking parlour per annum.
2. For any other beast standing in a byre connected to the sewer £1 5s. per annum.
3. For each pig or bore in a sty connected to the sewer 10s. per annum.

The sewers and sewage works affected in the various parishes are as follows:—

Middleton-St.-George Sewage Works, Redworth Sewage Works, Heighington Sewage Works, Great Burdon (Darlington Corporation), Sadberge Sewage Works, Bishopton Sewage Works, Great Stainton Sewage Works, High Coniscliffe Sewage Works, Archdeacon Newton Sewage Works, Coatham Mundeville Sewage Works.

### **County Borough of Darlington—Charges for Treatment of Sewage**

Charges to be based on sewerage and sewage disposal rate levied in the rural district or County Borough whichever is the higher and this rate to be applied to existing arrangements relating to Great Burdon and Whessoe and for County Borough premises discharging to Council sewers. This arrangement will also cover Low Coniscliffe, Merrybent and Blackwell.

### **Public Scavenging**

Refuse collection was carried out in a satisfactory manner during the year and nearly every house in the district had a weekly collection. The frequency of the collection has been much improved due to the introduction of a bonus scheme last year arising out of which each man is paid £2 10s. per week when he has completed his stint. These stints were adjusted towards the end of the year to allow for the introduction of a 40 hour week so each filler had to collect 91 bins in the rural part of the district and 119 in Newton Aycliffe.

The domestic collection is maintained by a fleet of five vehicles, three from the depot at Aycliffe and two from the depot at Middleton-St.-George.

Trade refuse and domestic refuse from factories is collected from the trading estate by the sixth vehicle from Aycliffe depot. Priority however, is given to the collection of domestic refuse and in the event of one of the vehicles breaking down the trade refuse vehicle is used for domestic refuse collection and similarly during sickness or holiday periods men have to be taken from the trade refuse vehicle. This has caused a serious dislocation of the collection of trade and domestic refuse from the factories and there is a proposal when the new vehicle is purchased next year for the old one to be kept as a spare vehicle so there is as little interference as possible with the trade refuse collection service.

The total number of men employed during the year averaged twenty-five, although the Council's establishment is thirty. This includes the dozer driver but excludes the foreman who looks after

# WATER SUPPLY AND SEWERAGE

Name of Scheme and Area to be served	Water or Sewerage	Date of Ministry of Health Inquiry or Investigation	Estimated Cost	Date of Ministry of Health approval	Date commenced	Date completed	Stage
Hurworth, Hurworth Place and Neasham	S. & S.D.	21/7/59	£80,150	3/4/62	8/5/62	31/5/65	—
Aycliffe Sewage Works Extension (Part II)	S.D.	26/4/60	£213,750	18/4/63	13/5/63	2/7/65	—
Blackwell	Sewerage	—	£3,064	22/7/64	28/7/64	22/7/65	—
Low Coniscliffe and Merrybent	Sewerage	—	£55,444	17/6/64	7/9/64	—	Substantially complete.
High Coniscliffe	Sewerage	—	£20,000	—	—	—	Initial survey commenced
Heighington Lane, Aycliffe	Sewerage	—	£37,650	—	—	—	Being prepared for submission to Ministry. Probable starting date June, 1966.
School Aycliffe Hospital	Sewerage	—	£40,300	—	—	—	Probable starting date May, 1966. Working drawings being completed.
Sadberge	S. & S.D.	—	£36,600	—	—	—	Preparing scheme for submission to Ministry.
Brafferton and Coatham Mundeville	Sewerage	—	£41,600	—	—	—	Preliminary proposals being prepared.
Heighington and Redworth	Sewerage	—	£50,000	—	—	—	Preparing scheme for submission to Ministry.
Summerhouse, Killerby and Denton	S. & S.D.	—	£32,400	—	—	—	Preliminary proposals being prepared.



this service. It will be necessary to try and recruit two further men to avoid delay in the collection of refuse.

The refuse collection in the northern part of the Council's district is by controlled tipping at Brafferton near Aycliffe while the Southern part of the area is served by Darlington Corporation tip at Hurworth-on-Tees. At the Council's tip at Brafferton refuse is compressed and covered by the use of a Drott B.T.D. 6 which was in daily use.

Adequate toilet facilities exist at both the depots at Aycliffe and Middleton-St.-George and at Aycliffe there are facilities for drying workmen's clothes.

Continued progress was made in the operation of the paper sack method of disposal. This provides for arrangements by each occupier or owner of new property to fit head units and in connection with existing properties to replace worn out dust bins with paper sack units. At the end of the year 757 houses were supplied with paper sacks. The Council's workmen continued to fix head units at cost price, plus 5s. 0d. on request from ratepayers in the area.

There are 169 litter bins, including those in lay-bys, sited throughout the area all of which are frequently emptied by the refuse collectors.

Occupiers of business premises are permitted to make their own arrangements for trade refuse disposal on the tip at Brafferton on payment of 10s. 0d. for a large load, 7s. 6d. for a medium load and 5s. 0d. for a small load. An arrangement by which free tipping facilities are given to contractors for disposal of spoil continues to operate to the advantage of the Council. Bulk charges for trade refuse collection are still 42s. 0d. per hour or 1s. 0d. per bin. During the year the Council's cesspool machine carried out the cleansing of 333 private cesspools and 160 tanks belonging to the Council, and the charges made for the emptying of cesspools were 13s. 0d. per hour in the case of domestic premises and 25s. 0d. in the case of business premises. The Durham C.C. continued to hire the machine for gully flushing.

During the year the Committee decided that the Newton Aycliffe town centre should be more frequently swept and arrangements were made for a man to do this and also the shopping centres at Neville Parade and Simpasture on a full-time basis. Some concern was expressed by certain members regarding the method of refuse disposal by controlled tipping and instructions were given for a further report to be prepared on other forms of refuse disposal. Submission of this report, however, was delayed when the Committee were informed that there were proposals for a consortium in connection with the disposal of refuse on Tees-side. The Council are awaiting the result of the consortium recommendations and will consider these, as well as any report which may be available from their own officers.

### **Public Conveniences**

There are seven public conveniences in the area, one at Hurworth Place, one at Middleton-St.-George, one at Heighington, three at Newton Aycliffe and one in Aycliffe Village. These are regularly visited and cleansed.



## W. C. Conversions

### Public Health Act, 1936, Section 47.

A review of the situation was made in December and it showed there was a total of 203 earth closets in the district. This figure includes:—

55 closets at Brafferton, Coatham Mundeville, Piercebridge, Killerby and Summerhouse (including one in a scheduled unfit house), all where sewers may be provided in the future.

109 closets at outlying properties where no sewers are available, including 6 unfit houses, 9 scheduled unfit houses, 2 empty houses.

3 closets where conversion notices have not been complied with including one empty house and one house where it will be easy to connect to a new sewer when available.

36 closets throughout the remainder of the district and this number includes 19 unfit houses, 5 scheduled houses, and 12 County Council smallholdings for which plans are being prepared.

If the closets in the unfit, scheduled houses and those houses awaiting sewerage works are deducted from the total of 203 there are 92 properties in outlying areas requiring conversions.

The grant for closet conversions where a sewer is available is half the cost, where notice is served. There is now no grant made in respect of properties where a sewer is not available as in all cases it is expected that advantage should be taken of standard and discretionary grants.

Thirteen closet conversions were carried out where sewers are available with conversion grants amounting to £499 17s. 9d., and six conversions were carried out where there are no sewers with conversion grants amounting to £450 5s. 9d.

As part of improvement grant works a further eight closet conversions were carried out where sewers are available and seven where there are no sewers.

The total number of closet conversions carried out during the year was thirty-four.

## SANITARY INSPECTION

Summary of inspections, investigations and visits made during the year:—

Complaints investigated	..	..	..	..	..	..	134
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### Public Health Acts:—

Houses	..	..	..	..	..	..	26
Other Premises	..	..	..	..	..	..	7
Animals improperly kept	..	..	..	..	..	..	—
Dirty and verminous premises	..	..	..	..	..	..	—
Drainage defects	..	..	..	..	..	..	13
Conversions	..	..	..	..	..	..	23
Cesspools	..	..	..	..	..	..	—
Scavenging	..	..	..	..	..	..	37
Water Supplies (including samples)	..	..	..	..	..	..	15
Dangerous Buildings	..	..	..	..	..	..	11
Offensive Trades	..	..	..	..	..	..	—
Living Vans	..	..	..	..	..	..	17
Public Conveniences	..	..	..	..	..	..	6
Re-inspections	..	..	..	..	..	..	16
Pest Control	..	..	..	..	..	..	31
Street cleaning	..	..	..	..	..	..	6
Clean Air	..	..	..	..	..	..	176
Chimney Heights	..	..	..	..	..	..	5

	Total	..	..	..	..	..	389
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### Housing Acts:—

Houses	..	..	..	..	..	..	173
Overcrowding	..	..	..	..	..	..	—
Certificate of disrepair	..	..	..	..	..	..	—
Improvement Grants	..	..	..	..	..	..	58
Applications for re-housing	..	..	..	..	..	..	—
Council house repairs and maintenance	..	..	..	..	..	..	213
Re-inspections	..	..	..	..	..	..	9
Demolitions	..	..	..	..	..	..	2

	Total	..	..	..	..	..	455
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### Factories Acts:—

Factories with power	..	..	..	..	..	..	52
Factories without power	..	..	..	..	..	..	6
Outworkers	..	..	..	..	..	..	—
Sites of building operation and works of engineering construction	..	..	..	..	..	..	69

	Total	..	..	..	..	..	127
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### Food and Drugs Acts:—

Registered Food Premises	..	..	..	..	..	..	10
Food Shops	..	..	..	..	..	..	84
Restaurant Kitchens	..	..	..	..	..	..	6
Canteens	..	..	..	..	..	..	20
Public Houses	..	..	..	..	..	..	35
Ice Cream Vendors	..	..	..	..	..	..	40
Butcher's Shops	..	..	..	..	..	..	15
Poultry Packers	..	..	..	..	..	..	1

Milk Distributors .. .. .	1
Slaughterhouses .. .. .	13
Meat Inspection .. .. .	92
Unsound Food .. .. .	7
Knackers Yard .. .. .	—
Bakehouse .. .. .	—
Total ..	324
Offices, Shops and Railway Premises Act, 1963 .. ..	110
<b>Infectious Diseases:—</b>	
Infectious Disease .. .. .	7
Infectious contacts .. .. .	1
Food Poisoning investigations .. .. .	7
Dysentery investigations, Cases .. .. .	1
Contacts .. .. .	—
Pathological specimens collected .. .. .	10
Fumigations .. .. .	—
Total ..	26
<b>Rodent Control:—</b> .. .. .	99
<b>Building Byelaws:—</b>	
Foundations .. .. .	100
Buildings in course of erection .. .. .	293
Drains inspected and tested .. .. .	457
Completed properties .. .. .	321
Planning .. .. .	79
Total ..	1,250
<b>Miscellaneous:—</b>	
Sundry visits .. .. .	98
Interviews .. .. .	123
Sewage Works .. .. .	54
Sewerage .. .. .	67
Refuse tips .. .. .	20
Diseases of animals .. .. .	—
Biological specimens .. .. .	—
Disposal of dead .. .. .	—
Ineffective visits .. .. .	3
Footpaths and bridle roads .. .. .	1
Petrol tanks .. .. .	2
Fire Prevention .. .. .	2
Painting contracts .. .. .	473
Trade effluent samples .. .. .	—
Shelters .. .. .	8
Pumping Stations .. .. .	—
Smoke observations .. .. .	12
Deposit Gauge and Lead Peroxide Instrument .. ..	20
Smoke Filter .. .. .	363
Boarding Establishments .. .. .	4
Scrap Metal Dealers .. .. .	4
Total ..	1254
<b>Noise Abatement Act, 1960</b>	

A complaint from residents of Newton Aycliffe regarding noise from a factory was investigated and the owners advised on precautions to be taken.



## SECTION C.

### HOUSING

#### Erection of New Houses

The total number of houses at the 31st December was 8,386 and the number of houses built during the year is shown in the attached table.

New Houses completed during year	With State Assistance	Unaided	Total 1965	Total 1964
(a) By Local Authority ..	4	—	4	5
* (b) By any other Housing Authority .. .. .	192	—	192	226
(c) By private persons ..	—	125	125	84

\*Includes houses built at Newton Aycliffe.

#### Improvement Grants—Housing Act, 1959

##### 1. Discretionary Grants

	NO. OF SEPARATE HOUSES
(a) Applications approved by Local Authority during the year .. ..	13
(b) Total number of applications approved since inception of scheme .. ..	247
Amounts paid in grants by the Council during the year .. .. .	£3,905 0s. 0d.
Total amounts paid in grants by the Council since the inception of scheme ..	£64,987 10s. 6d.

##### 2. Standard Grants

(a) Applications approved by Local Authority during the year .. ..	13
(b) Total number of applications approved since inception of scheme .. ..	129
Amount paid in grants by the Council during the year .. .. .	£1,735 8s. 6d.
Total amount paid in grants by the Council since the inception of scheme ..	£10,563 16s. 9d.

#### Council Houses

There were 4 Council houses built during the year. Proposals are nearing completion for the erection in the early part of next year of twelve houses, seventeen aged persons bungalows, one warden's house with six aged persons flatlets on the Aycliffe Vicarage Site. The Council considered towards the end of the year proposals in connection with the purchase of sub-standard property at Hurworth and Hurworth Place for the erection of further Council houses.

#### Rent Act, 1957

There were no applications for certificates of disrepair.



# HOUSES IN CLEARANCE AREAS AND UNFIT HOUSES ELSEWHERE

A	Houses	IN OR ADJOINING CLEARANCE AREAS declared under Section 42 of the Housing Act, 1957	Unfit for human habitation	Number of houses	—
				Number of separate dwellings contained therein	—
			Included by reason of bad arrangement	Number of houses	—
	Demolished	NOT IN OR ADJOINING CLEARANCE AREAS		Number of separate dwellings contained therein	—
			On land acquired under Section 43 (2) Housing Act, 1957	Number of houses	—
				Number of separate dwellings contained therein	—
			As a result of formal or informal pro- cedure under Section 16 or Section 17 (1) Housing Act, 1957	Number of Houses	1
				Number of separate dwellings contained therein	1
			Local authority owned houses certified unfit by the Medical Officer of Health	Number of Houses	—
				Number of separate dwellings contained therein	—
			Houses unfit for human habitation where action has been taken under local Acts	Number of houses	—
				Number of separate dwellings contained therein	—
			Houses included in unfitness orders made under para 2 of the Second Schedule to the land compensation Act, 1961	Number of houses	—
				Number of separate dwellings contained therein	—
B	Unfit Houses Closed closing orders or undertakings	Number of separate dwellings included above which were previously reported as closed		Reported as closed up to 31st December, 1964	—
				Reported as closed since 31st December, 1964	—
		Under Sections 16 (4), 17 (1) and 35 (1) Housing Act, 1957 and Section 26 Housing Act, 1961		Number of houses	10
				Number of separate dwellings contained therein	10
C	Number of Persons Displaced	Under Sections 17 (3) and 26 Housing Act, 1957		Number of houses	—
				Number of separate dwellings contained therein	—
		PARTS OF BUILDINGS CLOSED under Section 18 Housing Act, 1957		Number of dwellings	—
					—
D	Number of Families Displaced	From houses to be demolished in or adjoining clearance areas			—
		From houses to be demolished not in or adjoining clearance areas			—
		From houses to be closed			1
		From parts of buildings to be closed			—
E	Unfit Houses Made Fit	From houses to be demolished in or adjoining clearance areas			—
		From houses to be demolished not in or adjoining clearance areas			—
		From houses to be closed			1
		From parts of buildings to be closed			—
		After informal action by local authority	by owner		11
		After formal notice under Sections 9 and 16, Housing Act, 1957	(a) by owner		3
			(b) by local authority		—
		After formal notice under Public Health Acts			—
		After modification or revocation of a clearance order under Section 21 Housing Act, 1961			—
		After determination of a demolition order under Section 24 Housing Act, 1957			2
		After determination of a closing order under Section 27 Housing Act, 1961			—



F Houses in which Defects were remedied (Other than unfit houses made fit) After formal notice under Public Health Acts					—
G  Unfit Houses in Temporary Use (Housing Act, 1957)	POSITION AT END OF YEAR	Retained for temporary accommodation	Under Section 48	Number of houses Number of separate dwellings contained therein	— —
			Under Section 17 (2)	Number of houses Number of separate dwellings contained therein	— —
			Under Section 46	Number of houses Number of separate dwellings contained therein	— —
			Licensed for temporary accommodation under section 34 or 53 – No. of houses		—
		H Purchase of Houses by Agreement	Houses in clearance areas other than those included in confirmed orders or compulsory purchase orders.		Number of houses Number of occupants

# SLUM CLEARANCE. PROGRESS REPORT, 1965

PARISH	Housing Plan for 1961—1965	Houses dealt with during 1965	Houses remaining to be dealt with	Other Houses dealt with			Total number of houses dealt with since 1956
				By Orders	Made fit		
					Formally	Informally	
Archdeacon Newton	—	—	—	—	—	4	
Aycliffe	16	—	2	—	1	78	
Barnpton	1	—	—	—	—	5	
Bishopton	6	—	6	—	1	26	
Great Burdon	1	1	—	—	—	16	
Blackwell	1	—	1	—	—	8	
Brafferton	1	1	—	—	—	6	
Coatham Mundeville	2	—	1	—	—	5	
Coniscliffe, High	1	—	—	—	—	17	
Coniscliffe, Low	2	—	—	1	1	16	
Denton	1	—	1	—	—	3	
Dinsdale, Low	—	—	—	—	—	—	
East & West Newbiggin	—	—	—	—	—	—	
Great Stainton..	—	—	—	—	—	—	
Heighington	9	—	1	—	2	45	
Houghton le Side	5	—	5	—	1	5	
Hurworth	10	4	4	1	1	57	
Killerby	—	—	—	—	—	—	
Little Stainton	—	—	—	—	1	4	
Middleton-St.-George	7	1	4	1	1	83	
Morton Palms	—	—	—	—	—	—	
Neasham	7	—	2	—	—	1	
Piercebridge	—	—	—	—	—	22	
Sadberge	10	—	8	2	—	26	
Sockburn	1	—	1	—	1	24	
Summerhouse	1	—	1	—	—	—	
Walworth	1	1	—	—	—	3	
Whesoe	1	—	1	—	—	5	
	84	8	38	5	6	8	
				5	6	10	

Houses in 5 year plan 1961-1965 .. .. .	84
Houses dealt with .. .. .	8
Houses remainig to be dealt with .. .. .	38
Other Houses dealt with .. .. .	21
Total Houses dealt with by Closing, Demolition Orders, or made fit .. .. .	29
Total Houses dealt with since 1956 .. .. .	467

### Overcrowding

No cases of statutory overcrowding as such were reported during the year but applications are still being received from families "living in" for the tenancy of Council houses.

36 such applications were made as compared with 25 the previous year.

### Applications for Council Houses

#### APPLICANTS RESIDING IN RURAL AREA

Villages where Houses are required	Council Houses		Aged persons Bungalows	
	No. with homes of their own	No. without homes of their own	No. with homes of their own	No. without homes of their own
Aycliffe, Great .. ..	31	2	34	3
Bishopton .. ..	2	1	—	—
Brafferton .. ..	2	—	—	—
High Coniscliffe .. ..	2	—	2	4
Low Coniscliffe .. ..	—	—	—	—
Heighington .. ..	14	3	7	1
Hurworth .. ..	21	11	5	1
Middleton-St.-George ..	18	14	19	—
Neasham .. ..	—	—	—	—
Piercebridge .. ..	15	2	2	—
Sadberge .. ..	10	2	2	1
Great Stainton .. ..	—	—	—	—
Summerhouse & Killerby	—	—	—	—
Whesoe .. ..	3	1	1	—
Walworth .. ..	1	—	2	—
	119	36	74	10

### Moveable Dwellings—Licensed Sites

There are six licensed sites (for an indefinite period) two for six moveable dwellings (one site not in use) two for two moveable dwellings and two for one moveable dwelling. All twelve caravans are occupied.



## SECTION D.

### INSPECTION AND SUPERVISION OF FOOD

#### Inspection of Meat and Other Foods

There is one licensed slaughterhouse in the district owned by a private person. During the year, 89 meat inspection visits were made when 467 carcasses, with a total weight of approximately 38 tons were inspected.

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed ..	100	—	—	268	99	—
Number inspected ..	100	—	—	268	99	—
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI :						
Whole carcasses condemned ..	—	—	—	—	—	—
Carcasses of which some part or organ was condemned ..	17	—	—	3	3	—
Percentage of the number inspected affected with disease other than tubercul- osis and cysticerici ..	17.00	—	—	1.12	3.03	—
TUBERCULOSIS ONLY :						
Whole carcasses con- demned .. ..	—	—	—	—	—	—
Carcasses of which some part or organ was condemned ..	—	—	—	—	3	—
Percentage of the number inspected affected with tuber- culosis .. ..	—	—	—	—	3.03	—
CYSTICERCOSIS :						
Carcasses of which some part or organ was condemned ..	—	—	—	—	—	—

Carcasses and portions thereof and organs having a total weight of 1 cwt. 2 stones were found to be diseased or otherwise unfit for human consumption and were disposed of accordingly.

### **Milk and Dairies (General) Regulations, 1959**

There are nine registered distributors of milk in the area.

### **Milk (Special Designations) Regulations, 1963**

The above regulations are now the responsibility of the Food and Drugs Authority, Durham County Council.

During 1965 the following samples were taken in the area by the County Council.

DESIGNATION	NO. TAKEN				RESULTS
Tuberculin tested .. ..	29	24	passed.	5	failed Methylene blue test.
T.T. Pasteurised .. ..	27	All passed.			
Pasteurised .. ..	—	—			
Sterilised .. ..	6	All passed.			

One sample was taken from hospitals and schools in the area.

## **FOOD PREMISES**

### **Shops**

#### **Food Hygiene**

The arrangements made in new food premises necessary for compliance with the Food Hygiene Regulations were satisfactory.

Throughout the district the standard of hygiene was good.

#### **Food Vans**

Many travelling shops and food vans continued to serve the area, particularly at Newton Aycliffe. Inspections of these were made as the opportunity occurred and they operate in a satisfactory manner.

#### **Other Food Premises**

There is in the district a poultry packing station, the condition of which was found to be unsatisfactory and the owner/occupier was instructed to carry out the necessary improvements.

### **Registration of Food Premises, Food and Drugs Act, 1955, Section 16**

There were no new applications for registration of premises for the preparation or manufacture of sausages or potted, pressed, pickled or preserved food intended for sale.



# FOOD PREMISES

	Bakers	Confectioners	Butchers	Fish Shop (wet and cooked)	Grocers and provisions	General Dealers	Miscellaneous including Green Grocers	Licensed Premises			Cafes	Canteens	Total
								Clubs	Shops	P.H. & Hotels			
Aycliffe, Newton	—	10	7	2	8	2	7	4	1	3	2	11	57
Aycliffe, Great ..	1	1	2	1	1	2	—	—	—	3	1	10	22
Barnpton ..	—	—	—	—	1	—	—	1	—	—	—	—	1
Bishopton ..	—	—	—	—	—	—	—	—	—	2	—	—	5
Blackwell ..	—	—	—	—	—	—	—	1	—	1	—	—	2
Brafferton ..	—	—	1	—	—	1	—	—	—	—	—	—	2
Coatham Mundeville	—	—	—	—	—	1	—	—	—	1	2	—	4
Coniscliffe, High	—	—	—	—	—	1	—	—	—	1	—	—	3
Coniscliffe, Low	—	—	—	—	1	—	—	—	—	1	—	—	1
Dinsdale, Low ..	—	—	—	—	—	—	—	1	—	1	—	—	3
Great Stainton ..	—	—	—	—	—	—	—	—	—	1	—	—	1
Heighington ..	1	—	1	1	3	1	1	—	—	3	1	—	12
Hurworth ..	1	2	2	1	4	3	—	1	1	5	—	—	20
Middleton-St.-George	—	2	1	1	3	1	1	—	—	4	—	—	14
Neasham ..	—	2	—	—	—	1	—	—	—	1	—	—	2
Piercebridge ..	—	—	—	—	1	—	—	—	—	1	—	—	2
Sadberge ..	—	—	—	—	—	3	—	—	—	2	—	—	5
Summerhouse ..	—	—	—	—	—	1	—	—	—	1	—	—	2
Whessoe ..	—	—	—	—	—	1	—	—	—	1	—	—	2
	3	15	14	6	22	20	9	8	3	33	6	21	160

There are no manufacturers of ice cream in the area.

Registered premises are shown in the following table:

			Sale and Storage of Ice Cream	The preparation or manufacture of sausage, pickled or preserved food
Newton Aycliffe	..	..	7	1
Aycliffe, Great	..	..	5	1
High Coniscliffe	..	..	1	—
Heighington	..	..	5	1
Hurworth	..	..	8	3
Middleton-St.-George	..		8	—
Piercebridge	..	..	1	—
Whessoe	..	..	2	—
Bishopton	..	..	1	—
Sadberge	..	..	2	—
			—	—
			40	6
			==	==

### Educational Activity

Educational activities took the form of visits to Food premises and discussion with food handlers.

With the growth of Newton Aycliffe the number of larger shops in the area is increasing while in the villages the family business still predominates.

With new shops educational activity begins with the planning of the premises and discussion with the prospective occupiers while visits, discussions and instructions to the staff of existing premises help to maintain a satisfactory standard of hygiene generally.

## SECTION E.

### CLEAN AIR AND FACTORIES ACT

#### Industrial Premises

There are 84 industrial premises with furnaces and 75 of these are on the North East Trading Estate at Aycliffe.

Two prior approval certificates were issued during the year.

#### Chimney Heights

During the year the heights of 3 chimneys were approved in respect of Byelaw applications for chimneys in connection with boiler plants.

#### Domestic Premises

The following table shows the average monthly deposits of water insoluble matter at Newton Aycliffe to be 3.94 tons per square mile. This is higher than recorded at E. D. Walker Homes, and the Memorial Hospital, Darlington, which are both in residential areas.

The estimate of sulphur dioxide at Newton Aycliffe of 0.92 microgrammes of  $\text{SO}_3$  per 100 square centimetres per day is higher than was recorded in the heavy industrial area of Albert Hill, Darlington, where readings averaged only 0.79.

The average concentration of smoke during the year was 259 microgrammes per cubic meter which compares unfavourably with the concentration at Darlington County Borough of 207 microgrammes during the same period.

The above figures, while not indicating serious pollution of the atmosphere, afford evidence of the amount of pollution caused by domestic chimneys.

Work was carried out in the making of Smoke Control Areas in Newton Aycliffe, the first of which is to be in operation on 1st July, 1966. A mobile exhibition of solid fuel appliances visited Newton Aycliffe.

#### Complaint regarding smell

- (a) **Newton Aycliffe.** Smells from the Industrial Estate continued to give rise to complaints from residents of Newton Aycliffe. The assistance of the Alkali Inspector of the Ministry of Housing and Local Government was again generously given in an effort to trace the source of the complaints and recommendations were made to firms on the Estate to eliminate or reduce the smells.
- (b) **Hurworth.** The Tees-side haze smell was again noticed in the village and the Alkali Inspector of the Ministry of Housing and Local Government was informed on each occasion.

# DEPOSIT GAUGE AND LEAD PEROXIDE INSTRUMENT

DEPOSIT GAUGE SITE	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
									Water insoluble matter in tons per sq. mile			
DARLINGTON R.D.C. Newton Aycliffe ..	..	6.35	2.13	6.01	9.41	3.80	1.17	2.68	1.18	0.99	—	—
DARLINGTON C.B. E.D. Walker Homes Memorial Hospital ..	..	1.70 1.87	2.71 3.93	1.27 2.80	2.54 4.14	3.34 3.46	1.94 8.67	2.71 4.24	2.44 2.21	2.71 1.83	—	—

## Lead Peroxide Instrument—Estimates of sulphur dioxide

SITE	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
									Milligrams of SO <sub>3</sub> per 100 square centimetres per day			
DARLINGTON R.D.C. Newton Aycliffe ..	..	1.83	0.83	1.14	1.10	0.97	0.71	0.47	0.14	0.37	1.40	1.10
DARLINGTON C.B. Albert Hill ..	..	1.36	0.74	1.10	0.75	0.68	0.52	0.44	0.34	0.56	0.93	1.30

## VOLUMETRIC SMOKE FILTER

	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
DARLINGTON R.D.C. Newton Aycliffe												
Average	..	253	257	165	112	84	84	—	—	—	—	—
Highest	..	604	576	360	180	161	130	—	—	—	—	—
Lowest	..	84	10	68	43	14	27	—	—	—	—	—
DARLINGTON COUNTY BOROUGH SKERNE PARK												
Highest	..	484	396	—	—	—	—	—	—	370	472	611
Lowest	..	16	16	—	—	—	—	—	—	9	7	48
Average	..	228	174	—	—	—	—	—	—	147	123	199

**PRESCRIBED PARTICULARS ON THE ADMINISTRATION  
OF THE FACTORIES ACT, 1937 to 1959.**

**PART 1 OF THE ACT.**

1. Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors).

PREMISES (1)	Number on Register (2)	Number of		
		Inspection (3)	Written Notices (4)	Occu's. Pr'secuted (5)
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authority	14	6	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authy.	130	52	2	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	35	69	—	—
Totals	179	127	2	—



## 2. Cases in which Defects were found.

PARTICULARS	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	No. of Cases in which prosec'n' were instituted
(1)	(2)	(3)	(4)	(5)	(6)
Want of cleanliness (S.1) ..	—	—	—	—	—
Overcrowding (S.2) ..	—	—	—	—	—
Unreasonable Temperature (S.3)	—	—	—	—	—
Inadequate drainage of floors (S.6) ..	—	—	—	—	—
Sanitary conveniences (S.9)					
(a) Insufficient ..	4	3	—	4	—
(b) Unsuitable or defective ..	2	2	—	2	—
(c) Not separate for sexes ..	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	12	12*	—	—	—
	18	17	—	6	—

\*Means of Escape in Case of Fire (Certificate).

### Factories Acts 1937 to 1961.

During the year the Durham County Fire Brigade Service Officers made 12 inspections of factories and following the execution of their recommendation 12 certificates for Means of Escape in Case of Fire were issued. The total number of certificates issued and in force are 55. There are no basement factories in your area.

### Agriculture (Safety, Health and Welfare Provisions) Act, 1956

General conditions are satisfactory. It was still not found possible to complete all the records of the size of farms, number of men employed and toilet facilities, for this report.

## SECTION F.

### OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

During 1965 informal notices were served in respect of 213 contraventions of the Act in eighty premises, details of which are shown below:—

DETAILS OF CONTRAVENTIONS	No. of cases
Abstracts of Act not displayed .. .. .	44
Lack of cleanliness .. .. .	6
Heating below minimum .. .. .	8
Thermometers not provided .. .. .	48
Ventilation inadequate .. .. .	3
Lighting below minimum .. .. .	62
Defective floors .. .. .	3
Absence of first aid box .. .. .	12
Absence of accommodation for clothing .. .. .	1
Washing facilities not up to standard .. .. .	18
Staircase unsatisfactory .. .. .	1
Shared sanitary accommodation .. .. .	7
	<hr style="width: 100px; margin: 0 auto;"/> 213 <hr style="width: 100px; margin: 0 auto;"/>

From these figures it will be seen that the main contraventions were in respect of the requirement to display abstracts of the act. In 44 premises no abstracts were displayed or available. In 48 premises no thermometers were provided and in 62 premises lighting standards were below the minimum as recommended by the Illuminating Engineering Society.

Two accidents were reported during the year and one of these was investigated.

#### Copy of Report submitted under Section 60 of the Act to the Ministry of Labour

TABLE A—REGISTRATIONS AND GENERAL INSPECTIONS

Class of premises	Number of premises registered during the year	Total number of registered premises at end of year	Number of registered premises receiving general inspection during the year
(1)	(2)	(3)	(4)
Offices .. .. .	1	22	18
Retail shops .. .. .	17	75	75
Wholesale shops, warehouses .. .. .	—	4	4
Catering establishments open to the public, canteens .. .. .	2	13	13
Fuel storage depots .. .. .	—	—	—
	<hr style="width: 100px; margin: 0 auto;"/>	<hr style="width: 100px; margin: 0 auto;"/>	<hr style="width: 100px; margin: 0 auto;"/>
TOTALS .. .. .	20	114	110
	<hr style="width: 100px; margin: 0 auto;"/>	<hr style="width: 100px; margin: 0 auto;"/>	<hr style="width: 100px; margin: 0 auto;"/>

TABLE B—NUMBER OF VISITS OF ALL KINDS BY INSPECTORS TO REGISTERED PREMISES

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TABLE C—ANALYSIS OF PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE

Class of workplace							Number of persons employed
(1)							(2)
Offices	..	..	..	..	..	..	162
Retail shops	..	..	..	..	..	..	423
Wholesale departments, warehouses					..	..	14
Catering establishments open to the public	..					..	116
Canteens	..	..	..	..	..	..	—
Fuel storage depots	..	..	..	..	..	..	—
							—
TOTAL	..	..	..	..	..	..	715
							==
TOTAL MALES	..		..	..	..	..	276
TOTAL FEMALES			..	..	..	..	439

TABLE D—EXEMPTIONS

Nil.

TABLE E—PROSECUTIONS

Nil.

TABLE F—INSPECTORS

No. of Inspectors appointed under Section 52 (1) or (5) of the Act	..	..	..	..	..	2
No. of other Staff employed for most of their time on work in connection with the Act	..	..	..			Nil.

## SECTION G.

### MISCELLANEOUS

#### Rag Flock and other Filling Materials Act and Regulations, 1951

There are no manufacturers in the district but three registered premises where these materials are used are situated on Aycliffe Trading Estate.

#### Prevention of Damage by Pests Act, 1959

During the year it was not possible to carry out maintenance treatments of sewers in the district.

Four local authority properties, ninety-five dwelling houses were found to be infested and successfully treated.

Ninety-five complaints were received during the year and dealt with.

The following infestations of vermin were dealt with:—

Flies .. .. .	4	Wasps .. .. .	5
Clover Mite .. ..	6	Silverfish .. ..	5
Cockroaches .. ..	1	Book Lice .. ..	2
Woodworm .. .. .	8		

One dirty house was sprayed with insecticide and one house disinfected.

#### Petroleum (Regulations) Act, 1928-36

During the year petrol installations were examined by officers of the County Fire Brigade Service and recommendations made regarding requirements.

There were seventy-five licences issued in connection with the storage of petroleum spirit and four new licences issued.

The number of installations in the various parishes is shown below:—

Aycliffe	28	Dinsdale, Low	1	Sadberge	5
Coatham Mund.	1	Great Burdon	2	Summerhouse	2
Blackwell	2	Heighington	3	Whessoe	3
Bishopton	4	Hurworth	4	Sockburn	—
Coniscliffe, Low	4	Middleton-St.-G.	8	Houghton le Side—	
Coniscliffe, High	4	Piercebridge	3	Little Stainton	1

## Animal Boarding Establishment Act, 1963

The Council issued three licences covering a total of seventy-eight dogs and six cats.

## Byelaws in force in district

The Council's Building Byelaws were amended on the 7th April, 1952, to allow for the substitution of 7 ft. 6 in. ceiling heights for 8 ft. The amendment in the Byelaws came into effect as and from 1st August, 1952. The same byelaws were amended under Section 61 of the Public Health Act, 1936, and Section 24, Clean Air Act, 1956, to provide for arrangements in buildings for prevention of smoke (1st June, 1959).

New Streets	..	..	..	..	9th May, 1938.
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Food Handling	..	..	..	..	8th May, 1950.
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Byelaws relating to the Sanitary Condi- tions and Management of Private Slaughterhouses	..	..	..	1st April, 1957.
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Nuisance contrary to Public Decency in the Parishes of Great Aycliffe, Heigh- ington, Hurworth and Middleton-St.- George	..	..	..	..	1st June, 1957.
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Fouling of Footways by Dogs, Middle- ton-St.-George and Great Aycliffe	..	1st November,	1961.
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